

**GOVERNMENT OF INDIA
AGRICULTURE
LOK SABHA**

UNSTARRED QUESTION NO:3554
ANSWERED ON:10.09.2007
POWER BASED TUBEWELLS
Bhagora Shri Mahavir

Will the Minister of AGRICULTURE be pleased to state:

- (a) the number of power and diesel based tubewells at present in the country, State- wise;
- (b) the number of Solar Light Voltic Water Pumping Systems (SLVWPS) required in various States to decrease the dependence on power and diesel for running tubewells, State-wise;
- (c) the number of proposals received by the Government to establish the said systems; and
- (d) the steps taken by the Government to achieve target of installing SLVWPS in various States of the country?

Answer

MINISTER OF THE STATE IN THE MINISTRY OF AGRICULTURE (SHRI KANTI LAL BHURIA)

(a): According to Minor Irrigation Census 2000-2001 brought out by the Ministry of Water Resources, a total of 10270553 electrical and 6551235 diesel pumps have been used in minor irrigation schemes including dugwells, shallow and deep tubewells. The State-wise details are given at Annexure.

(b): The Ministry of Renewable Energy is responsible for developing different applications of solar photovoltaic technology and their demonstration. Solar Photovoltaic (SPV) water pumping system is one of the systems developed and demonstrated for use in agriculture and allied applications and drinking water applications in different parts of the country. With present very high cost of the system, it may not be possible to replace the conventional diesel and electric pump sets for running tubewells in the country. No such assessment has been carried out by the Ministry.

(c) & (d): A cumulative total of 7068 solar pumping systems have been installed in the country till 31.03.2007 under promotion of Solar Photovoltaic Pumping Systems implemented by Ministry of New and Renewable Energy. No funds have been allocated for solar pumping programme at Budget Estimate stage during the current financial year, therefore, no projects have been sanctioned so far. A request to supplementary demands for grants has been made for allocation of budget for this programme.